

I CLAIM:

1. A combination type of socket with power source management comprising a power source protection and filter body, a multi hole outlet extension socket body, an automatic timing socket body, a
5 synchronized main/secondary socket body, a main plug being provided to the power source protection and filter body for connection be a common power source having a power source switch and a socket for connection with extension outlet socket, characterized in that the power source protection and filter body is provided with a power source
10 quality processing circuit, excess voltage input-prevention circuit, low high current indication alarm circuit, low high voltage indication alarm circuit, and control circuit for voltage, current indicator such that after the power source is input, it is filtered, noise elimination, surge absorption treatment and the input voltage, current value are monitored
15 and indicated and the current is cut off at abnormal or warning alarm is produced; the power source protection and filter body is provided with a power source quality processing circuit, excess voltage input-prevention circuit, low high current indication alarm circuit, low high voltage indication alarm circuit, and control circuit for voltage,
20 current indicator such that after the power source is input, it is filtered,

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noise elimination, surge absorption treatment and the input voltage, current value are monitored and indicated and the current is cut off at abnormal or warning alarm is produced; the automatic timing socket body is provided with an automatic timing socket and a normal open point a of a relay RL3 connected in series, and a current inspection circuit, an amplification driving circuit, and a clock/timing circuit with setting button and timing display, and before the timing output socket is mounted with a load, the timing display indicates time function, and after the timing output socket is mounted with a load, the timing function is automatically activated and the application time of load is recorded; the synchronized main/secondary socket body is provided with a main, a secondary output socket and the main output socket is directly connected in parallel to the circuit, the secondary output socket is connected in series to the normal open point a of the relay RL4, and is provided with a current inspection circuit, an amplification driving circuit, and the main and the secondary output socket are synchronized when the main output socket is cut off, the secondary output socket is also cut off.

2. A combination type of socket as set forth in Claim 1, wherein in

20 between the excess voltage input prevention circuit and the power

source quality processing circuit, a normal opened point of a relay is connected in series.

3. A combination type of socket as set forth in Claim 1, wherein the multi
hole output extension socket body is provided with a plurality of output
5 sockets for external connection of electrical loads.
4. A combination type of socket as set forth in Claim 1, wherein on the
current inspection circuit, a current comparator is provided to inspect
current and is connected in series with an amplification driving circuit
and is then extended with clock/timing circuit, and the clock/timing
10 circuit is provided with relay which is connected in series to the normal
opened point of the circuit.
5. A combination type of socket as set forth in Claim 1, wherein the main
output socket circuit is connected with a current comparator having a
current inspection circuit, and is the connected to the application
15 driving circuit.